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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/686,487	10/15/2003	Gabriel A. Cohen	RSW9-2003-0181US1 (7161-1)	8004
46320	7590	06/07/2006	EXAMINER	
CAREY, RODRIGUEZ, GREENBERG & PAUL, LLP STEVEN M. GREENBERG 1300 CORPORATE CENTER WAY SUITE 105G WELLINGTON, FL 33414			DEBROW, JAMES J	
			ART UNIT	PAPER NUMBER
			2176	

DATE MAILED: 06/07/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>		<b>Applicant(s)</b>	
	10/686,487		COHEN, GABRIEL A.	
	<b>Examiner</b>		<b>Art Unit</b>	
	James J. Debrow		2176	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 13 March 2006.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)             | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

**DETAILED ACTION**

1. This action is responsive to communications: Application filed 13 Mar 2006.
2. Claims 1-16 are pending in the case. Claims 1, 6, and 12 are independent claims.

***Applicant's Response***

3. In Applicant's Response dated 13 Mar 2006, Applicant amended claims 5, 7, and 16 and argued against all rejections previously set forth in the Office Action dated 27 Dec. 2005.

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. **Claims 1, 2, 6, 7, 10-13 and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gajewska et al. (Pub. No.: US 2002/0175951 A1; Pub. Date: Nov. 28, 2002) (hereinafter "Gajewska"), in view of Fukuda et al. (Pub. No.: US 2004/0107449 A1; Pub. Date: Oct. 7, 2003) (hereinafter "Fukuda").**

**In regards to independent claim 1, Gajewska discloses a method for indicating input focus in a portal environment, the method comprising the steps of:**

*responsive to a new portlet in said portal acquiring said input focus from said focused portlet, re-assigning said focused style to said new portlet while re-assigning said unfocused style to said focused portlet which no longer has input focus, and re-rendering said new portlet and said focused portlet which no longer has input focus in said portal according to said styles (0021; Gajewska discloses a component become the focus owner when it receives a FocusGained (input focus) event and ceases being the focus owner when it receives a FocusLost (unfocused) event. Gajewska further discloses in a FocusGain event, the opposite field specifies the component that is losing focus and specified the component that is gaining focus in conjunction with the FocusLost event).*

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Gajewska does not disclose expressly *assigning an unfocused style to all unfocused portlets in a portal except for a focused portlet having input focus; further assigning a focused style to said focused portlet having input focus; rendering said focused and unfocused portlets in said portal;*

However Fukuda teaches *assigning an unfocused style to all unfocused portlets in a portal except for a focused portlet having input focus* (0064; Fukuda teaches a focus style is configured such that a style sheet is used to specify the style of the focus. At the time of the invention it would have been obvious to a person of ordinary skill in the art to apply Fukuda teachings to portlets);

*further assigning a focused style to said focused portlet having input focus* (0064; Fukuda teaches a focus style is configured such that a style sheet is used to specify the style of the focus. At the time of the invention it would have been obvious to a person of ordinary skill in the art to apply Fukuda teachings to portlets);

*rendering said focused and unfocused portlets in said portal* (0064; Fukuda teaches a focus style is configured such that a style sheet is used to specify the style of the focus. At the time of the invention it would have been obvious to a person of ordinary skill in the art to apply Fukuda teachings to portlets);

Therefore, at the time of the invention it would have been obvious to a person of ordinary skill in the art to *assign an unfocused style to all unfocused portlets in a portal in conjunction with a FocusLost event, and assign a focused style to said focused*

*portlet having input focus* in conjunction with a FocusGain event, as disclosed in Gajewska, for the a focus style is configured such that a style sheet is used to specify the style of the focus as taught by Fukuda.

**In regards to dependent claim 2**, Gajewska discloses *the method of claim 1*, further comprising the steps of:

*defining a unique identifier in each portlet in said portal* (0042; Gajewska discloses a Focus List which identifies components(*portlets*) that have issued a focus request. Each list element has a “requester” member. The “requester” member contains data that identifies (*unique identifier*) a component (*portlet*) that at some point issues a focus request).

*specifying a global focus identifier with a unique identifier of said focused portlet* (0042; Gajewska discloses a Focus List which identifies components(*portlets*) that have issued a focus request. Each list element has a “requester” member. The “requester” member contains data that identifies (*unique identifier*) a component (*portlet*) that at some point issues a focus request); *and*,

*responsive to said new portlet in said portal acquiring said input focus, re-specifying said global focus identifier with a unique identifier of said new portlet* (0043-0044; Gajewska discloses how a new “requester” member is added to the Focus List. The “requester” member contains data that identifies (*unique identifier*) a component (*portlet*) that at some point issues a focus request).

**In regards to independent claim 6**, Gajewska discloses a *system for indicating input focus in a portal environment, the system comprising:*

*a global indicator disposed within said portal specifying said single focused portlet* (0042; Gajewska discloses a Focus List which identifies components(*portlets*) that have issued a focus request); *and,*

*a global script disposed within said portal programmed to change said global indicator to specify a newly focused portlet when said newly focused portlet acquires input focus from said single focused portlet, to re-render said newly focused portlet in said portal according to said focused style sheet and to re-render said single focused portlet in said portal according to said unfocused style sheet* (0021; Gajewska discloses a component become the focus owner when it receives a FocusGained (*input focus*) event and ceases being the focus owner when it receives a FocusLost (*unfocused*) event. Gajewska further discloses in a FocusGain event, the opposite field specifies the component that is losing focus and specified the component that is gaining focus in conjunction with the FocusLost event; 0041, 0042, 100 in fig 6; Gajewska et al. also discloses a Focus List (*global indicator*), which is a list of all the components making a request for a FocusGained event. The Focus List is structured as a queue (*global script*) of elements that are used when selecting the "opposite component").

Gajewska does not disclose expressly *a focused style sheet and an unfocused style sheet*;

*a portal defining a plurality of portlets, said portlets comprising a single focused portlet configured for rendering according to said focused style sheet, and a remaining set of unfocused portlets configured for rendering according to said unfocused style sheet;*

However Fukuda teaches *a focused style sheet and an unfocused style sheet* (0064; Fukuda teaches a focus style is configured such that a style sheet is used to specify the style of the focus. At the time of the invention it would have been obvious to a person of ordinary skill in the art to apply Fukuda teachings to configure *a focused style sheet and an unfocused style sheet*);

*a portal defining a plurality of portlets, said portlets comprising a single focused portlet configured for rendering according to said focused style sheet, and a remaining set of unfocused portlets configured for rendering according to said unfocused style sheet* (0064; Fukuda teaches a focus style is configured such that a style sheet is used to specify the style of the focus. It has been established that a portal is typically define with *a plurality of portlets*. At the time of the invention it would have been obvious to a person of ordinary skill in the art to apply Fukuda teachings to portlets);

Therefore, at the time of the invention it would have been obvious to a person of ordinary skill in the art to *assign an unfocused style to all unfocused portlets in a portal in conjunction with a FocusLost event, and assign a focused style to said focused*



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*portlet having input focus* in conjunction with a FocusGain event, as disclosed in Gajewska, for the a focus style is configured such that a style sheet is used to specify the style of the focus as taught by Fukuda.

**In regards to dependent claim 7**, Gajewska does not disclose expressly the *system of claim 6, wherein said focused style sheet and unfocused style sheet are defined according to a content style sheet specification.*

However Fukuda teaches the *system of claim 6, wherein said focused style sheet and unfocused style sheet are defined according to a content style sheet specification* (0064; Fukuda teaches a focus style is configured such that a style sheet is used to specify the style of the focus. At the time of the invention it would have been obvious to a person of ordinary skill in the art to apply Fukuda teachings to configure a *focused style sheet and an unfocused style sheet*);

Therefore, at the time of the invention it would have been obvious to a person of ordinary skill in the art to assign an unfocused style to all unfocused portlets in a portal in conjunction with a FocusLost event, and assign a focused style to said focused portlet having input focus in conjunction with a FocusGain event, as disclosed in Gajewska, for the a focus style is configured such that a style sheet is used to specify the style of the focus as taught by Fukuda.

**In regards to dependent claim 10**, Gajewska discloses the *system of claim 9*, wherein at least one said attributes specifies a unique identifier for said single one of said portlets (0042; Gajewska discloses a Focus List which identifies components(*portlets*) that have issued a focus request. Each list element has a “requester” member. The “requester” member contains data that identifies (*unique identifier*) a component (*portlet*) that at some point issues a focus request).

**In regards to dependent claim 11**, Gajewska discloses the *system of claim 9*, wherein at least one of said attributes associates said global script with an event which occurs when said single one of said portlets acquires user input focus (0041, 0042, 100 in fig 6; Gajewska et al. discloses a Focus List (*global indicator*), which is a list of all the components making a request for a FocusedGained event. The Focus List is structured as a queue (*global script*) of elements that are used when selecting the “opposite component”).

**In regards to independent claim 12**, Gajewska discloses a *machine readable storage having stored thereon a computer program for indicating input focus in a portal environment, the computer program comprising a routine set of instructions for causing the machine to perform the steps of* (0025, lines 1-5):

*rendering said focused and unfocused portlets in said portal; and, responsive to a new portlet in said portal acquiring said input focus from said focused portlet, re-assigning said focused style sheet to said new portlet while re-assigning said*

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*unfocused style sheet to said focused portlet which no longer has input focus, and re-rendering said new portlet and said focused portlet which no longer has input focus in said portal according to said style sheets (0021; Gajewska discloses a component become the focus owner when it receives a FocusGained (input focus) event and ceases being the focus owner when it receives a FocusLost (unfocused) event. Gajewska further discloses in a FocusGain event, the opposite field specifies the component that is losing focus and specified the component that is gaining focus in conjunction with the FocusLost event).*

*Gajewska does not disclose expressly assigning an unfocused style sheet to all unfocused portlets in a portal except for a focused portlet having input focus;*

*further assigning a focused style sheet to said focused portlet having input focus;*

*However Fukuda teaches assigning an unfocused style sheet to all unfocused portlets in a portal except for a focused portlet having input focus; further assigning a focused style sheet to said focused portlet having input focus; (0064; Fukuda teaches a focus style is configured such that a style sheet is used to specify the style of the focus. At the time of the invention it would have been obvious to a person of ordinary skill in the art to apply Fukuda teachings to configure a focused style sheet and an unfocused style sheet);*

Therefore, at the time of the invention it would have been obvious to a person of ordinary skill in the art to *assign an unfocused style to all unfocused portlets in a portal in conjunction with a FocusLost event, and assign a focused style to said focused portlet having input focus in conjunction with a FocusGain event*, as disclosed in Gajewska, for the a focus style is configured such that a style sheet is used to specify the style of the focus as taught by Fukuda.

**In regards to dependent claim 13**, Gajewska discloses the *machine readable storage of claim 12, further comprising the steps of* (0025, lines 1-5):

*defining a unique identifier in each portlet in said portal* (0042; Gajewska discloses a Focus List which identifies components(*portlets*) that have issued a focus request. Each list element has a “requester” member. The “requester” member contains data that identifies (*unique identifier*) a component (*portlet*) that at some point issues a focus request);

*specifying a global focus identifier with a unique identifier of said focused portlet* (0042; Gajewska discloses a Focus List which identifies components(*portlets*) that have issued a focus request. Each list element has a “requester” member. The “requester” member contains data that identifies (*unique identifier*) a component (*portlet*) that at some point issues a focus request);

*responsive to said new portlet in said portal acquiring said input focus, re-specifying said global focus identifier with a unique identifier of said new*

*portlet* (0043-0044; Gajewska discloses how a new “requester” member is added to the Focus List. The “requester” member contains data that identifies (*unique identifier*) a component (*portlet*) that at some point issues a focus request).

**In regards to dependent claim 16,** Gajewska discloses *the machine readable storage of claim 14, further comprising the step of associating said script with each event attribute in a divisible section which indicates when a corresponding one of said focused and unfocused portlets has acquired said input focus* (0041, 0042, 100 in fig 6; Gajewska et al. also discloses a Focus List (*global indicator*), which is a list of all the components making a request for a FocusedGained event. The Focus List is structured as a queue (*global script*) of elements that are used when selecting the “opposite component”).

6. Claims 3, 5, 9, and 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gajewska et al. (Pub. No.: US 2002/0175951 A1; Pub. Date: Nov. 28, 2002) (hereinafter “Gajewska”) in view of Fukuda et al. (Pub. No.: US 2004/0107449 A1; Pub. Date: Oct. 7, 2003) (hereinafter “Fukuda”), further in view of Ito et al. (Pub. No.: US 2003/0084405 A1; Filing Date: Oct. 7, 2002) (hereinafter “Ito”).

In regards to dependent claim 3, Gajewska in view of Fukuda does not disclose expressly *the method of claim 2, further comprising the step of performing said re-assigning and re-rendering steps through a script embedded in said portal.*

However, Ito teaches *the method of claim 2, further comprising the step of performing said re-assigning and re-rendering steps through a script embedded in said portal* (0019, 0023-24, Ito teaches a style sheet selection method in which comprises a style sheet for embedding in the XML document. At the time of the invention, it was well known in the art that style sheets typically contain attributes/information that are specific to specific elements/objects, as well as scripts to perform specific functions on those elements/objects.

Therefore, it would have been obvious to a person of ordinary skill in the art to include scripts with steps of *re-assigning and re-rendering* within the style sheets. The motivation for doing so would have been for the benefit of dynamically selecting a style sheet for an XML document (portal) as taught by Ito; 0002.

**In regards to dependent claim 5**, Gajewska discloses *the method of claim 3, further comprising the step of associating said script with each event attribute in a divisible section which indicates when a corresponding one of said focused and unfocused portlets has acquired said input focus* (0041, 0042, 100 in fig 6; Gajewska et al. also discloses a Focus List (*global indicator*), which is a list of all the components making a request for a FocusedGained event. The Focus List is structured as a queue (*global script*) of elements that are used when selecting the “opposite component”).

**In regards to dependent claim 9**, Gajewska in view of Fukuda does not disclose expressly *the system of claim 8, wherein each of said divisible sections comprises a set of attributes, at least one of said attributes specifying a class corresponding to one of said focused style sheet and unfocused style sheet*. Fukuda teaches a focus style is configured such that a style sheet is used to specify the style of the focus (0064).

Ito teaches *the system of claim 8, wherein each of said divisible sections comprises a set of attributes, at least one of said attributes specifying a class corresponding to one of said focused style sheet and unfocused style sheet* (0021-0024, Ito teaches how a style sheet satisfies the document type, root element name and root element *attribute* name).

Therefore, it would have been obvious to a person of ordinary skill in the art to combine Fukuda with Ito for the benefit of using style sheet for configuring *divisible*

*sections comprises a set of attributes, at least one of said attributes specifying a class corresponding to one of said focused style sheet and unfocused style sheet.*

**In regards to dependent claim 14**, Gajewska in view of Fukuda does not disclose expressly *the machine readable storage of claim 13, further comprising the step of performing said re-assigning and re-rendering steps through a script embedded in said portal.*

However, Ito teaches *the machine readable storage of claim 13, further comprising the step of performing said re-assigning and re-rendering steps through a script embedded in said portal* (0019, 0021-24, Ito teaches a style sheet selection method in which comprises a style sheet for embedding in the XML document. Ito also teaches storage means for the style sheets and XML documents (Fig 1). At the time of the invention, it was well know in the art that style sheets typically contain attributes/information that are specific to specific elements/objects, as well as scripts to perform specific functions on those elements/objects.

Therefore, it would have been obvious to a person of ordinary skill in the art to include scripts with steps of *re-assigning and re-rendering* within the style sheets. The motivation for doing so would have been for the benefit dynamically selecting a style sheet for an XML document (*portal*) as taught by Ito; 0002.



7. **Claims 4, 8, and 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gajewska et al. (Pub. No.: US 2002/0175951 A1; Pub. Date: Nov. 28, 2002) (hereinafter “Gajewska”) in view of Fukuda et al. (Pub. No.: US 2004/0107449 A1; Pub. Date: Oct. 7, 2003) (hereinafter “Fukuda”) and Ito et al. (Pub. No.: US 2003/0084405 A1; Filing Date: Oct. 7, 2002) (hereinafter “Ito”), further in view of Griffin (Pub. No.: US 2003/0126558 A1; Filing Date: Oct. 24, 2002).**

**In regards to dependent claim 4, Gajewska in view of Fukuda does not disclose expressly the *method of claim 3, further comprising the steps of:***

***defining said portal in a markup language document;***

***defining a divisible section of said markup language document for each of said focused and unfocused portlets; and,***

***performing said assigning and further assigning steps by specifying a class attribute for each of said focused and unfocused portlets, said class attribute corresponding to a style sheet selected from the group consisting of a focused style sheet and an unfocused style sheet.***

**Ito teaches *performing said assigning and further assigning steps by specifying a class attribute for each of said focused and unfocused portlets, said class attribute corresponding to a style sheet selected from the group consisting of a focused***

*style sheet and an unfocused style sheet (0021-0024, Ito teaches how a style sheet satisfies the document type, root element name and root element attribute name).*

*Ito fails to teach defining said portal in a markup language document;  
defining a divisible section of said markup language document for each of said focused  
and unfocused portlets; and,*

*However, Griffin teaches method of claim 3, further comprising the steps of:  
defining said portal in a markup language document (0014, lines 1-6);  
defining a divisible section of said markup language document for each of said focused  
and unfocused portlets (0015; Griffin teaches a portal page can include portlets);*

Therefore, at the time of the invention it would have been obvious to a person of ordinary skill in the art to combine Ito teachings of configuring portlet attributes within a style sheet with Griffin teachings of representing portals using XML data for the benefit of *defining a divisible section of said markup language document for each of said focused and unfocused portlets.*

**In regards to dependent claim 8,** Gajewska in view of Fukuda and Ito does not disclose expressly *the system of claim 6, wherein said portal comprises markup comprising a plurality of divisible sections, each of said divisible sections defining a single one of said portlets.*

However, Griffin teaches *the system of claim 6, wherein said portal comprises markup comprising a plurality of divisible sections, each of said divisible sections defining a single one of said portlets* (0015; Fig 1.; Griffin teaches a portal page can include portlets).

Therefore, at the time of the invention it would have been obvious to a person of ordinary skill in the art to use Griffin teachings of *defining a portal in a markup language document* (0014, lines 1-6), along with the established teaching of a markup language document being composed of divisible section, for the benefit of *said portal comprises markup comprising a plurality of divisible sections, each of said divisible sections defining a single one of said portlets*.

**In regards to dependent claim 15**, Gajewska in view of Fukuda does not disclose expressly the *machine readable storage of claim 14, further comprising the steps of:*

*defining said portal in a markup language document;*  
*defining a divisible section of said markup language document for each of said focused and unfocused portlets; and,*  
*performing said assigning and further assigning steps by*  
*specifying a class attribute for each of said focused and unfocused portlets,*  
*said class attribute corresponding to a style sheet selected from the group*  
*consisting of said focused style sheet and said unfocused style sheet.*

Ito teaches *performing said assigning and further assigning steps by specifying a class attribute for each of said focused and unfocused portlets, said class attribute corresponding to a style sheet selected from the group consisting of a focused style sheet and an unfocused style sheet* (0021-0024, Ito teaches how a style sheet satisfies the document type, root element name and root element *attribute* name).

Ito fails to teach *defining said portal in a markup language document; defining a divisible section of said markup language document for each of said focused and unfocused portlets; and,*

However, Griffin teaches *method of claim 3, further comprising the steps of: defining said portal in a markup language document* (0014, lines 1-6); *defining a divisible section of said markup language document for each of said focused and unfocused portlets* (0015; Griffin teaches a portal page can include portlets);

Therefore, at the time of the invention it would have been obvious to a person of ordinary skill in the art to combine Ito teachings of configuring portlet attributes within a style sheet with Griffin teachings of representing portals using XML data for the benefit of *defining a divisible section of said markup language document for each of said focused and unfocused portlets.*

***Response to Arguments***

8. Applicant's arguments filed 13 Mar 2006 have been fully considered but they are not persuasive.

Applicant's arguments with respect to independent claims 1, 6 and 12, along with their respective dependent claims have been considered but are moot in view of the new ground(s) of rejection. New ground(s) of rejection are based on newly found prior art reference(s) of Fukuda, Ito, and Griffin. An explanation of the rejection is given.

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to James J. Debrow whose telephone number is 571-272-5768. The examiner can normally be reached on 8:00-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Herndon can be reached on 571-272-4136. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JAMES DEBROW  
EXAMINER  
ART UNIT 217

A handwritten signature in black ink, appearing to read 'Doug Hutton', with a stylized flourish at the end.

DOUG HUTTON  
PRIMARY EXAMINER  
TECH CENTER 2100